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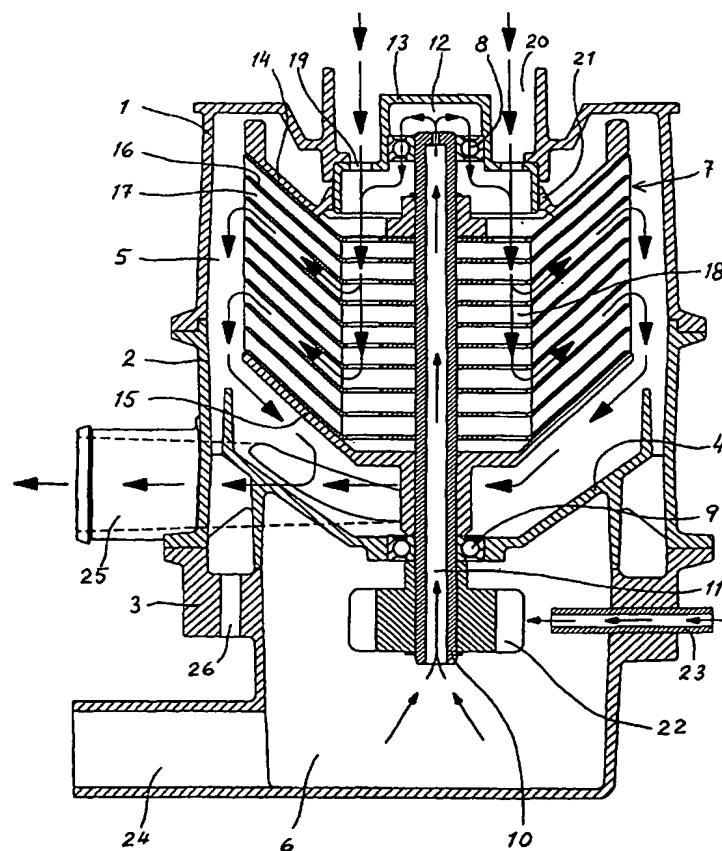
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(54) Title: AN APPARATUS FOR CLEANING OF GAS



(57) Abstract: In an apparatus for cleaning of gases a centrifugal rotor (7) is supported by two bearings, in which it is rotatable about a rotational axis. The two bearings are lubricated by means of an oil mist, which is generated in a space (6), when oil is sprayed against a turbine wheel (22) supported by the rotor. Whereas the bearing (9), which is situated nearest said space (6), is lubricated by oil mist present in the space, the second bearing (8) is lubricated by oil mist being conducted to it through a central channel (11) in the centrifugal rotor.

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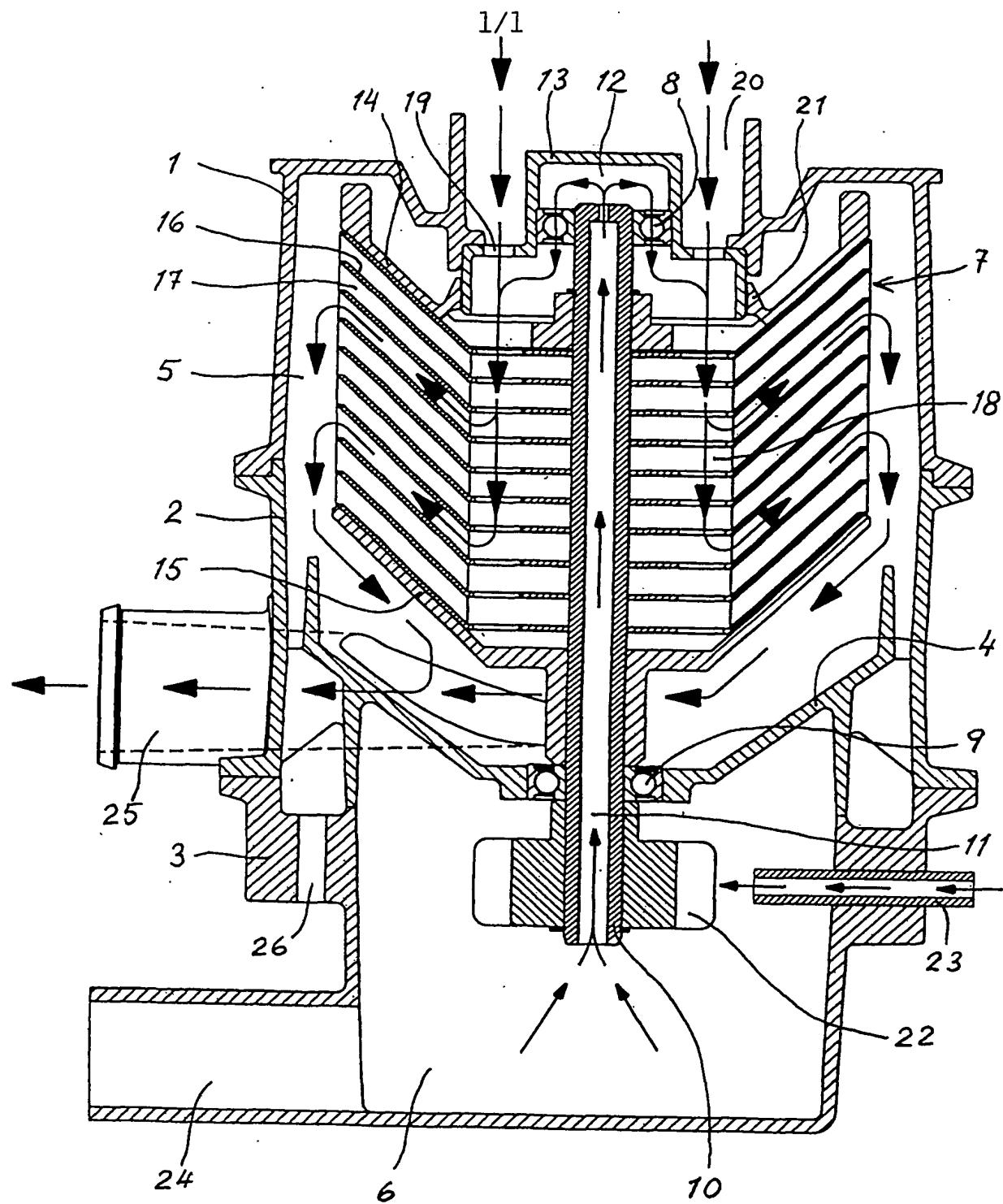


European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE,  
ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO,  
SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM,  
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## INTERNATIONAL SEARCH REPORT

International application No.  
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## A. CLASSIFICATION OF SUBJECT MATTER

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According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

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Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

**SE, DK, FI, NO classes as above**

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

**EPO-INTERNAL, WPI, PAJ**

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 20010012814 A (DAVID F. MAY ET AL), 9 August 2001 (09.08.01), page 4, column 2, line 4 - column 2, line 14, figure 2, abstract  --	1
A	WO 0136103 A1 (ALFA LAVAL AB), 25 May 2001 (25.05.01), abstract  --	1
A	WO 0100969 A1 (VOLVO LASTVAGNAR AB), 4 January 2001 (04.01.01), abstract  -- -----	1

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Information on patent family members

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Patent document cited in search report	Publication date	Patent family member(s)		Publication date
US 20010012814 A	09/08/01	NONE		
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